

SATADOM D150QV



Features

- Zero mechanical interference
- S.M.A.R.T. & i-S.M.A.R.T. Supported
- Intelligent system for error recovery
- Excellent data transfer speed
- Built-in Pin7 VCC
- Mechanical design for anti-vibration

R: 130MB
W: 120MB

SATA II
3Gb/s

ECC &
Wear leveling

Thermal
sensor

S.M.A.R.T

Pin 7 VCC
Write Protect

Specifications

Connector Type	Standard 7 Pin SATA Connector
Flash Type	SLC (Single Level Cell)
Density	2GB, 4GB, 8GB, 16GB, 32GB , 64GB
Transfer Mode	SATA II, SATA I, PIO 0~4, MDMA 0~2, UDMA 0~6
Sustained R/W Performance	Read : 130 MB/sec (max.) Write : 120 MB/sec (max.)

Environmental

DC Input	+5V DC $\pm$ 5%
Power consumption (Max.)	Read: 200 mA Write: 210 mA Idle: 110 mA
Operating Temperature	0°C~+70°C (Standard Grade) -40°C~+85°C (Industrial Grade)
Storage Temperature	-55°C~+95°C
Humidity	Relative Humidity: 10-95%, non-condensing
Flash Endurance	100,000 program/erase cycles
MTBF	> 3,000,000 hours
Certification	CE, FCC, RoHS
Warranty	5 years

Special Features

Security	Write Protection
Pin7 VCC	Supported (Refer to the following page)

Mechanicals

Dimension (W x L x H)	25mm x 39.5mm x 6.8mm
Weight	8g $\pm$ 1g
Vibration	7 Hz to 2K Hz, 3 axes
Shock	Duration: 0.5ms, 1500G, 3 axes

Health monitoring Tool

S.M.A.R.T.	Supported
i-S.M.A.R.T.	Supported (Utility for Windows, Linux)

Ordering Information

Capacity	Standard Grade	Industrial Grade
2GB	DESI(H)- <u>02G</u> J30A <u>C</u> 1DB(F)	DESI(H)- <u>02G</u> J30A <u>W</u> 1DB(F)
4GB	DESI(H)- <u>04G</u> J30A <u>C</u> 1QB(F)	DESI(H)- <u>04G</u> J30A <u>W</u> 1QB(F)
8GB	DESI(H)- <u>08G</u> J30A <u>C</u> 1QB(F)	DESI(H)- <u>08G</u> J30A <u>W</u> 1QB(F)
16GB	DESI(H)- <u>16G</u> J30A <u>C</u> 1QB(F)	DESI(H)- <u>16G</u> J30A <u>W</u> 1QB(F)
32GB	DESI(H)- <u>32G</u> J30A <u>C</u> 1QB(F)	DESI(H)- <u>32G</u> J30A <u>W</u> 1QB(F)
64GB	DESI(H)- <u>64G</u> J30A <u>C</u> 1QB(F)	DESI(H)- <u>64G</u> J30A <u>W</u> 1QB(F)

*DESI: HOOK, DESIH: No Hook

DESIGN • SERVICE • QUALITY • DELIVERY

